

New England ODMDS Joint EPA-USACE Monitoring Summary and Forecast - 07 March 2017

| Site | Earlier Surveys | 2014 | 2015 | 2016 | Planned 2017 | Potential 2018 | Potential 2019 | Potential 2020 | Potential 2021 | 2022-2027 |
|-----------------------|--|--|--|--|---|---|---|---|---|---|
| Western LIS | 2005: full site bathy; 2004: partial site bathy and SPI | bathy - full site SPI/PV benthic biology | no monitoring | *SMMP revision; potential chem/tox transect | active area as needed + initiate chem/tox + survey reference areas | active area monitoring as needed + chem/tox follow up | active area monitoring as needed + chem/tox follow up | active area monitoring as needed + chem/tox follow up | active area monitoring as needed + chem/tox follow up | active area monitoring as needed; full site survey prior to SMMP revision |
| Central LIS | 2011: active site area bathy and SPI; 2009: active site area bathy and SPI 2005: full site bathy | bathy - full site SPI/PV benthic biology | bathy over active area | *SMMP revision; bathy over active area + SPI/PV + chem/tox transect | active area as needed + follow up on chem/tox | active area as needed + follow up on chem/tox | active area as needed + follow up on chem/tox | active area as needed + follow up on chem/tox | active area as needed + follow up on chem/tox | active area monitoring as needed; full site survey prior to SMMP revision |
| Cornfield Shoals | 2004: full site bathy | no monitoring | bathy over full site | site closed in December | ** | ** | ** | ** | ** | ** |
| New London | 2010: coring at Seawolf mound 2006: 10 year post cap monitoring | no monitoring | bathy over full site | site closed in December | bathy following major storm | bathy following major storm | bathy following major storm | bathy following major storm | bathy following major storm | bathy following major storm |
| Eastern LIS | ** | SEIS siting surveys | SEIS siting surveys | site designated | baseline bathy, SPI,sampling site + reference | active area as needed + follow up on chem/tox | active area as needed + follow up on chem/tox | active area as needed + follow up on chem/tox | active area as needed + follow up on chem/tox | active area monitoring as needed; full site survey prior to SMMP revision |
| Rhode Island Sound | 2013: full site bathy, SPI, biology | no monitoring | bathy over active area | no monitoring | *SMMP revision; possible bathy over active area | active area monitoring as needed | active area monitoring as needed | active area monitoring as needed | active area monitoring as needed | active area monitoring as needed; full site survey prior to SMMP revision |
| Massachusetts Bay | 2012: active site area bathy and SPI; 2007: active site area bathy and SPI | no monitoring | full bathy over planned expanded area + SPI/PV + ROV | no monitoring | monitoring as part of restoration placement | *SMMP revision; monitoring as part of restoration placement; full survey in support of SMMP revision | monitoring as part of restoration placement | active area monitoring as needed | active area monitoring as needed | active area monitoring as needed |
| Portland | 2007: full site bathy and SPI; | bathy - full site SPI/PV over recent areas + reference | no monitoring | full site: bathy, SPI, biology | *SMMP revision; active area as needed | active area monitoring as needed | active area monitoring as needed | active area monitoring as needed | active area monitoring as needed | active area monitoring as needed; full site survey prior to SMMP revision |

- Notes:- "bathy" indicates full-bottom coverage multibeam bathymetry with backscatter and side-scan signals recorded
- sediment-profile imaging ("SPI") may include plan-view imaging if conditions allow
 - "biology" indicates collection of sediment grabs for benthic community analysis
 - "active area" indicates area(s) of the disposal site where placement has occurred since the previous survey and typically includes bathy and SPI
 - darker shading indicates surveys funded all or in part by EPA
 - lighter shading indicates surveys proposed for funding by EPA